



Mine: \_\_\_\_\_  
File No: \_\_\_\_\_

Submitted by:  
Applicant Kennecott Copper Corporation, Tintic Division  
Representative \_\_\_\_\_  
T. B. Hannifin, Jr.  
Address P. O. Box 250  
Eureka, Utah 84628

Division of Oil, Gas, and Mining  
1588 West North Temple  
SLC, UT. 84116

Re: Commitment to Rule M-10

Gentlemen:

I hereby commit the applicant to comply with Rule M-10, "Reclamation Standards" in its entirety, as adopted by the Board of Oil, Gas, and Mining on March 22n 1978.

The applicant will achieve the reclamation standards for the following categories as outlined from Rule M-10 on all areas of the land affected by this mine, unless a variance is granted in writing by the Division.

<u>Rule</u>	<u>Category of Commitment</u>
M-10(1)	Land Use
M-10(2)	Public Safety & Welfare
M-10(3)	Impoundments
M-10(4)	Slopes
M-10(5)	Highwalls
M-10(6)	Toxic Materials
M-10(7)	Roads and Pads
M-10(8)	Drainages
M-10(9)	Structures & Equipment
M-10(10)	Shafts and Portals
M-10(11)	Sediment Control
M-10(12)	Revegetation
M-10(13)	Dams
M-10(14)	Soils

<u>Rule</u>	<u>Category of Variance Request</u> (Narrative Attached)
<u>M-10 (5)</u>	<u>Highwalls</u>
<u>M-10 (12)</u>	<u>Revegetation</u>
<u>M-10-(14)</u>	<u>Soils</u>

COUNTY OF Juab

Signed: T. B. Hannifin, Jr.  
T. B. Hannifin, Jr.

in my said county, this 22 day of December 1978

Notary Public: F. A. Johnson

My Commission Expires: January 7, 1979

#### M-10-(5) Highwalls

The area in which the limestone quarry is located is typified by ledges, slopes in excess of 45 degrees, and rocky outcrops. The highwalls in the quarry operation will consist of solid limestone faces. To reclaim the highwall back to a 45 degree or less slope angle would require enlargement of the quarry to four or five times the size needed for our mining requirements, and would disturb a large acreage immediately above the pit operation. Highwalls in excess of 45 degrees should stand indefinitely, and should not present any erosion problems, or safety hazards due to unstable slopes.

Because of the above, we are asking for a variance on Rule M-10 (5) listed in the reclamation standards.

#### M-10-(12) Revegetation

The disturbed area will consist of solid rock outcrops. The small amount of soil present is not amenable to recycling because of the steep topography and rocky outcrops in the area. We wish to stress, where locally possible, soils will be saved, stockpiled and used to aid in revegetation of the quarry operation, but the amount saved will not allow us to cover all of the rocky outcrops. Revegetation of the operation will be with brush and plants native to this locale in areas of the quarry where replanting is practical. Berms and other measures will also be utilized to prevent erosion when active mining in the quarry has ceased.

Because of the above, we are asking for a variance on Rule M-10 (12) listed in the reclamation standards.

#### M-10-(14) Soils

Due to the steep topography, rock outcrops and thin soil layer, it will not be economically feasible to engage in an active soil removal program prior to mining operations. We wish to again stress that where locally possible, the soil will be saved to aid in revegetation and reclamation of the mining area.

Because of the problems involved in saving surface soil in the affected area, we are asking for a variance on Rule M-10 (14) of the reclamation standards.